

TOYOTA CELICA SUPRA



SUPRA/LIFTBACK·COUPE





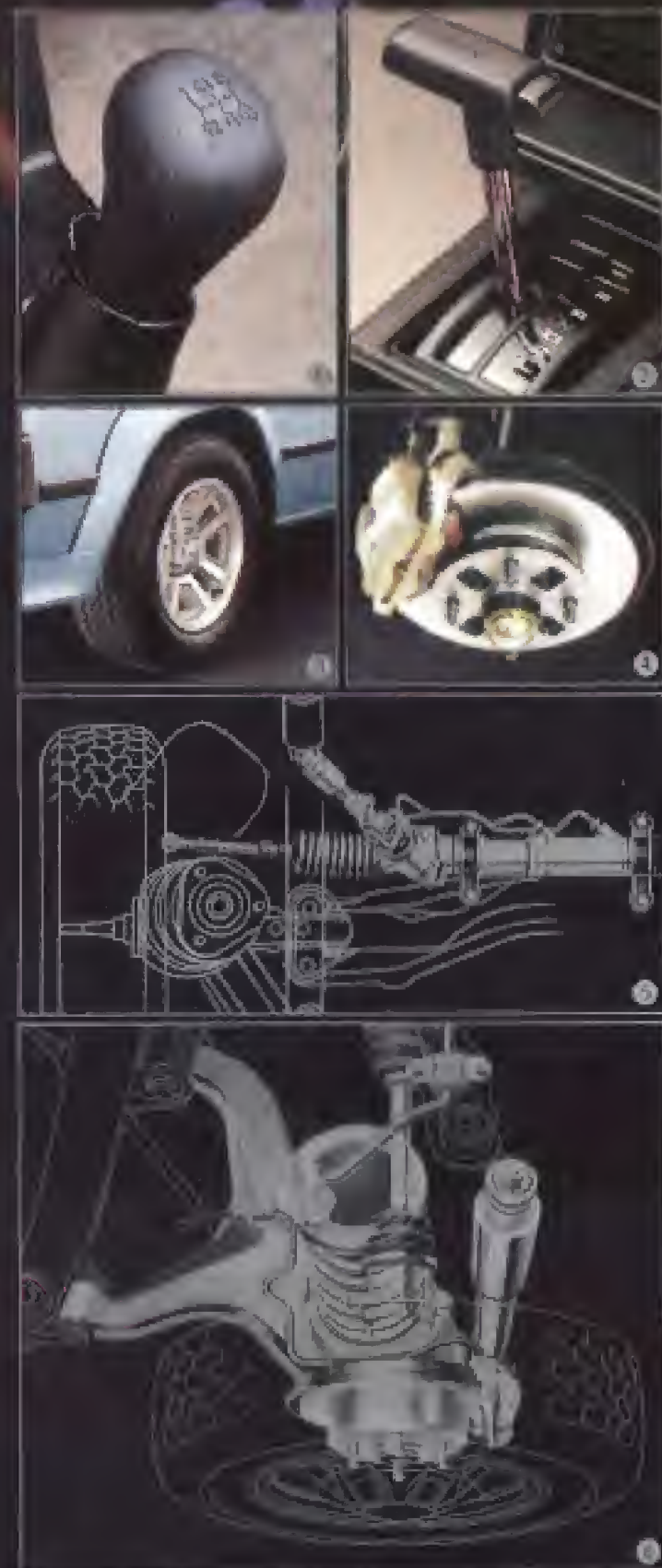
What makes the remarkable 5M-E engine so impressive?

Meet the 5M-E, a 6-cylinder, 2.8-litre, electronically fuel injected, single overhead cam power system.

It retains the design advantages from its race bred heritage, while introducing refinements of its own. These include a sophisticated computer-controlled electronic fuel injection system and cross-flow intake manifolds.

The engine also features unique and highly accurate V-ribbed belts which virtually eliminate stretch. The EFI system uses a sophisticated microcomputer, instantaneously gathering data on air intake volume, engine revs, coolant temperature, manifold pressure, throttle position, and the oxygen content of exhaust gases. EFI then computes the optimum amount of fuel for injection at that instant in the engine's operation. So, the engine gets exactly what it needs, and you get perfect performance.

The fuel is thoroughly blended in the multi-spherical combustion chamber where a wide-gap spark plug, situated precise top-centre, fires the mixture in a short, white-hot burn that keeps the exhaust cleaner, and prevents carbon build up as well.



Supra has a transmission to suit your style of performance. ① A close-ratio 5-speed manual or ② a Toyota-developed 4-speed automatic with lock-up clutch. The lock-up clutch system eliminates hydraulic torque loss at middle-to-high speed to save fuel and give direct drive performance.

③ Good-looking 7J aluminium wheels and ④ ventilated 4-wheel disc brakes make sure Supra stops as quickly and positively as she goes. ⑤ Steering is power assisted rack and pinion. ⑥ Toyota suspension tuning system is carefully engineered and tuned to sports touring, to enhance Supra's performance. MacPherson strut units at the front and semi-trailing arms in the rear make up four wheel independent suspension. The result is a smooth comfortable ride.







The aerodynamically awesome Supra.

Supra is a lot more than a stunning car to look at. The sleek styling slips through the air with wind resistance cut to a mere 0.35 drag co-efficient. Even when not moving, Supra looks ready for action. Sitting poised, stance wide and nose to the ground. Protuberances have been reduced to a minimum. Headlamps fully retract. Windscreen wipers are semi-concealed. Door mirrors are integrated into the aerodynamics. And every window is set smoothly into the body. Even the liftback door is designed with a trailing-edge lip that works as an effective air spoiler.

CELICA SUPRA



These days, many cars are designed with aerodynamic excellence. But to actually manufacture a car on a large scale, that is also extremely aerodynamically efficient is rare indeed. That is why Toyota invested in a full-sized wind tunnel. The result in Supra is a low drag co-efficient, due to the air flowing over the sleek form with hardly a ripple.



The precisely power controlled Supra.

Unlike many high performance cars, Supra controls its power easily, quickly and precisely. Your field of vision is wide, to both the front and rear. Low profile radial tyres grab the road to hug even sharp corners. And Supra offers you the finest 4-speed overdrive automatic transmission available today. Complete with a lock-up clutch system that makes highway driving as economical as possible. Combined with electronic cruise control, this automatic transmission can take long distances at a very quick pace for Supra, and a very easy pace for you.



Toyota's acclaimed 4-speed automatic transmission offers the advantages of a manual transmission with all the convenience of an automatic. A lock up clutch mechanism within the torque converter engages after gear shifting and prevents torque loss normally associated with hydraulic drive. The result is greater power and efficiency. Overdrive is activated at a touch of a button, for smooth high speed cruising the transmission is literally locked in.



The super driving Supra.

Sit inside, and Supra impresses further. The steering wheel adjusts to your height. As does the seat. The gear shift and foot pedals have been positioned for optimum driving feel. Instrumentation is completely digital. The tachometer sweeps a line showing engine rpm. The speed sensor displays exact speed in large, electronic numbers. Oil pressure, coolant temperature, battery condition, and fuel are all electronically monitored, and any abnormality is immediately shown through a warning flash. You fit into Supra, and it fits around you. Your senses alert and your body relaxed.



Optional AM/FM multiplex electronic tuner with integrated auto-reverse cassette player and graphic equaliser 5-speaker system are shown in picture.



Toyota's optional cruise control (only available with optional automatic transmission) makes long trips even more relaxing. And because you are not regularly adjusting the pressure with your foot, you get better fuel efficiency too. At speed, you simply SET the control and a microcomputer takes over. To pass, just step on the accelerator then release it, and the computer takes over again. ACCEL and COAST adjust the cruising speed up or down. And a foot on the brake or accelerator immediately over-rides the cruise control switching it off.



The exceptionally comfortable and luxurious Supra.

Supra shows that a sports car need not be uncomfortable. With headroom and legroom to stretch in and fine fabrics to settle back in. Softly padded dash, full door panels and wall-to-wall carpeting make Supra extra quiet. The driver's Sports Seat is another immensely impressive feature. It is adjustable 8 different ways, which is especially important for long distances. Multi-adjustable headrests, side bolster adjustment, cushion edge-height adjustments, as well as reclining. Including pneumatic lumbar support, something no other car in Australia can offer.



Supra's Sports Seat can be set to the position most comfortable for you. It slides to the position you want on a long track. The pneumatic lumbar support adjusts to the right degree of firmness. The thigh support cushion can be adjusted and the seat-back rake angle can be set to numerous positions. You can adjust the degree of side bolster support and tilt the cushion up and down. With reclining seats and moveable headrests. So you can sit back and enjoy the performance.

CELICA



New Celica. In the style of Supra.

Celica has always been a leader in style. New Celica goes further, with new styling that is both alluring and contemporary. Start with the fully retractable headlamps that blend neatly into the matching grille, which features a subtle yet powerful-looking black-out treatment. This also blends beautifully with the integrated, impact-absorbing bumpers. The sweeping beauty of new Celica Liftback extends straight to the distinctive tail lamps.

The new Celicas are true sports coupes and liftbacks, in the style of the exciting new Supra.



Liftback XT



TST (Toyota Suspension Tuning) four-wheel independent suspension adds to performance and comfort. The front suspension is MacPherson strut with coil springs and low-pressure gas-filled dampers, firm enough for sports touring, gentle enough for maximum comfort. In the rear, a rugged semi-trailing arm suspension provides excellent ride and directional stability. The coil springs are carefully tuned to Celica's performance, and the gas-filled dampers improve the ride. Celica's suspension is performance engineered to match the superb technology of its engine.



Celica Liftback and Coupe are truly original.

In addition to the sweeping style of Celica Liftback, you can also choose the stylish notchback roofline of Celica Sports Coupe. Outside, Celica reflects the style of Supra. Inside, it offers the space and comfort you expect from a touring car. Front bucket seats that recline. Driver's seat that tilts for height adjustment. Colour coordinated fabrics throughout. Wall-to-wall carpet and a padded dash for added luxury. And an array of options, including electric sun roof and air conditioning. To drive new Toyota Celica is to enter the sports touring world in style and elegance. Liftback or Coupe.




Liftback XT/Coupe ST



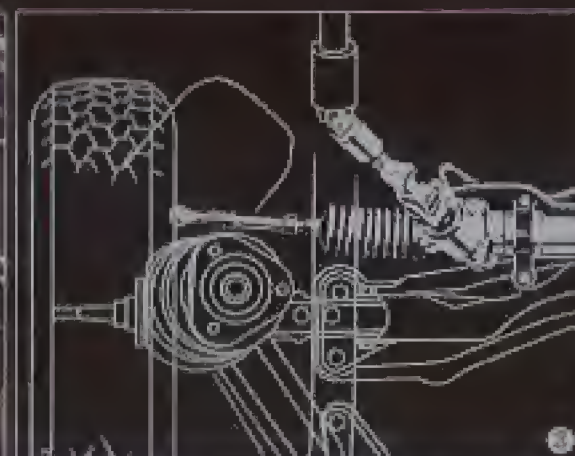
Form and space, luxurious appointments, and carefully designed comfort features add to Celica's sporty style. The upholsteries are fine fabrics worthy of a grand touring car. Seating positions maximise interior space. And the seats themselves are engineered around the body and form-fitted to hold you firmly and comfortably, even at high speeds. To add to the luxurious interior feeling, Celica's appointments are all thoughtfully placed.

Liftback XT



22R-EC ENGINE
2.4-litre OHC Petrol
87kW/4800rpm (DIN)
198Nm/2800rpm (DIN)

Leading edge technology and grand touring engineering.
Toyota Celica produces superlative performance through its new 2.4-litre electronically fuel-injected overhead cam engine. This new-generation Super Responsive engine features some of the latest engineering in both metallurgy and engine design. Piston rings have been made lighter and thinner for smoother idling and less friction at all speeds. The combustion chamber has been reshaped for greater power and more torque. Furthermore, the engine is designed specifically to reduce periodic maintenance needs.



New Celica offers you a choice of transmissions to complement Celica's engine, and to suit your individual style of driving. ❶ A 5-speed manual transmission that demonstrates the ultra-precision of Toyota technology. ❷ One of the world's most advanced 4-speed automatic transmissions. ❸ Celica's accurate rack and pinion steering points you exactly where you want to go, through tight corners and long sweeping bends. ❹ Aluminium wheels and steel belted radials complement Celica's power. ❺ Front brakes are power assisted discs with tandem booster and master cylinder to give maximum braking control. Rear brakes are drum with vacuum booster. ❻ Independent semitrailing arm rear suspension improves both ride and stability.



The combustion chamber of Celica's new engine benefits from two major engineering refinements; crossflow ventilation and electronic fuel injection (EFI). The EFI system calculates the precise fuel mixture required and injects it into the combustion chamber. Here the crossflow air pattern creates turbulence for increased burning efficiency. As a result, acceleration, torque and fuel economy are all improved.



This Lillback is of Europe specifications

Supra and Celica. High standards.

As you would expect from Toyota, Supra and Celica are uncommonly well-equipped with standard features, and can be further personalised to suit virtually any driving personality, with a variety of options.

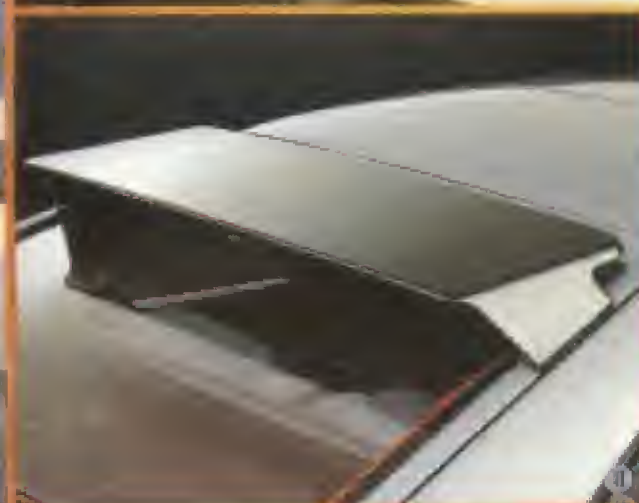
Supra features an electronic digital instrument cluster that lets you monitor the car at a glance. It features a speed sensor, zone display tachometer and fuel gauge, and a segmented water temperature gauge. Every switch and control is at your fingertips. Thoughtfully placed trays and pockets are



- ① Tilttable steering makes driving easier.
- ② Supra's digital instrumentation combines performance and technology.
- ③ Both Supra and Celica feature fan-boosted ventilation, and a side window defroster. Automatic air conditioning is optionally available for Supra.
- ④ Supra is optionally equipped with the latest in car sound technology: digital AM/FM radio cassette with multi-mode functions including metal/Dolby cassette capability. A graphic equaliser and live top quality speakers are available for Supra.
- ⑤ Supra and Celica feature standard AM/FM push-button radio/cassette with three speakers with an auto-reverse stereo cassette and an automatic power antenna.
- ⑥ Power windows, including a front passenger control, and power door locks

- are standard for Supra.
- ⑦ Optional electrically operated sun-roof opens up the cabin to the world outside.
- ⑧ Smart-looking wing rear spoiler creates negative lift to improve Supra's handling.
- ⑨ To keep the rear view clear, a rear wiper is standard on Supra, and Celica Liftback.
- ⑩ Supra's retractable headlamps improve aerodynamics.
- ⑪ Celica's retractable headlamps blend into the grille.
- ⑫ Supra and Celica Liftback feature a standard tonneau cover to keep luggage from prying eyes. It is easily removed if required.
- ⑬ Large luggage space lets you take extra loads.

Available options differ with the grades and body types. Get all the details from your Toyota dealer.



convenient areas for storage. In fact, the only major options to consider for Supra are electric sun-roof, automatic transmission, air conditioning and cruise control.

Celica, too, offers its share of luxuries. AM/FM stereo cassette better than those in some homes, digital clock and luxury velour seats to name a few.

Inside and out, new Supra and Celica are anything but standard automobiles. They express the future of automotive technology in a very stylish way.



'82 Ivory Coast Rally



'82 Ivory Coast Rally



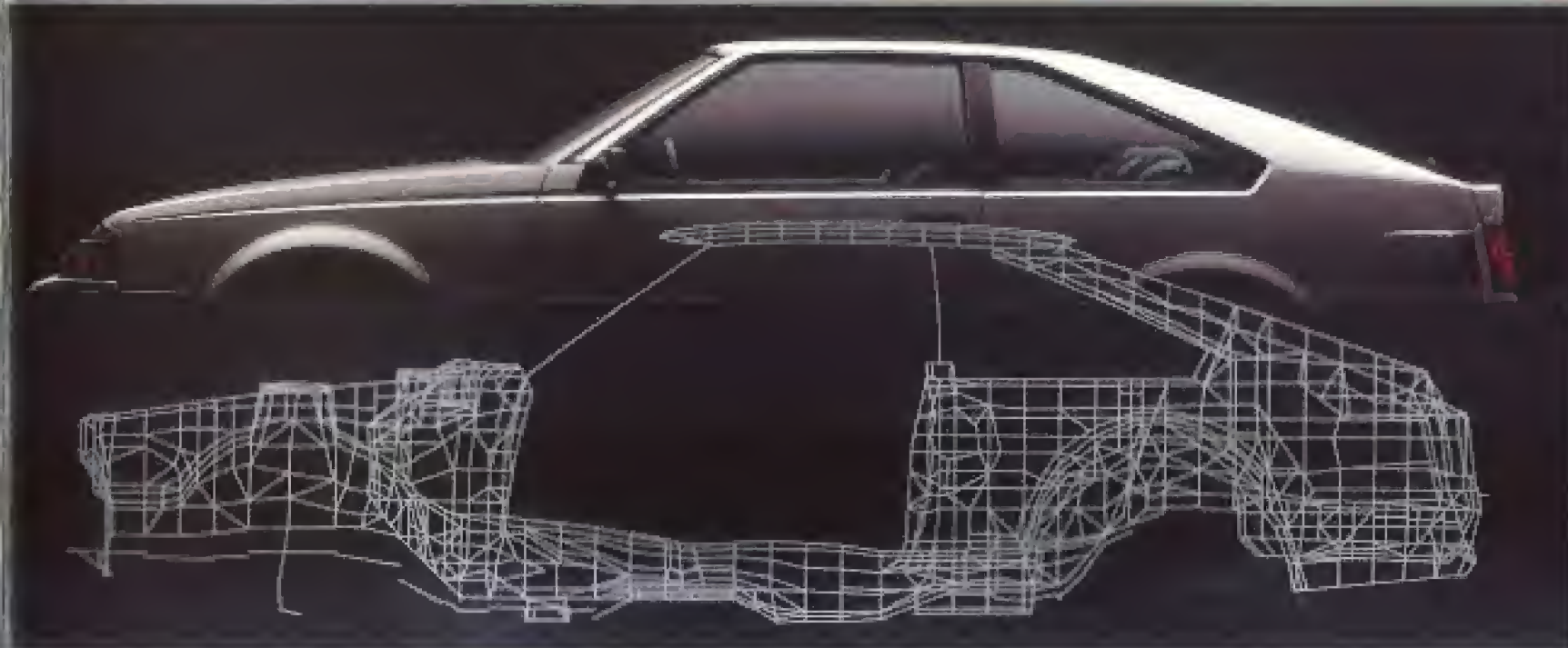
'82 New Zealand Rally



'82 New Zealand Rally

Toyota Celica. Quality that's competition proved.

Not many cars can match the proven quality of Toyota Celica. Long before Celica reaches the showroom, prototypes have been put to the test. They must pass suspension tests, designed to simulate the toughest and most demanding driving conditions. They must pass the hillclimb test, cobblestone road test, and more. But the most important test Celicas have ever passed is the test of time. Satisfied owners from around the world have put Celicas to the test. And Celica has come out a winner every time.



Toyota has pioneered in the use of advanced design and production technology. This technology has been fully employed in making Celica's body. High tensile steel sheeting and precise reinforcement create exactly the right balance of strength and rigidity. Monocoque construction and precision welding also contribute to the durable construction of every Celica.

SPECIFICATIONS		Supra	Celica	Cupra ST
DIMENSIONS & WEIGHTS			Liftback XT	
Overall length	mm	4620	4450	4435
Overall width	mm	1720	1665	
Overall height	mm	1315	1320	
Wheelbase	mm	2615	2500	
Tread	Front	mm	1465	1395
	Rear	mm	1425	1385
Ground clearance	mm	160	175	
Kerb weight	kg	1275/1290**	1160/1165**	1150/1155**
Gross vehicle weight	kg	1770	1670	
ENGINES				
Type		6 cyl. in-line	4 cyl. in-line	
Valve arrangement		DOHC		
Piston displacement	cc	2759	2306	
Bore and stroke	mm	83.0 x 85.0	92.0 x 89.0	
Compression ratio	to 1	9.8	9.0	
Max. horsepower (DIN)	kW/rpm	161/4800	87/4800	
Max. torque (DIN)	Nm/rpm	226/3600	198/2800	
Fuel system		Electronic Fuel Injection		
Fuel tank capacity	litres	61		



SPECIFICATIONS

SPECIFICATIONS		Supra	Celica (Turbo & A)	Coupe SL
CHASSIS				
Clutch		Single disc plate with diaphragm spring		
Suspension	Front	MacPherson strut		
	Rear	Semi-trailing arm RS (Independent Rear Suspension)		
Brakes	Front	Ventilated disc		
	Rear	Drum/Ventilated disc (Supra)		
Transmission	5-speed manual	1st 3.567, 2nd 2.056, 3rd 1.385, 4th 1.000, 5th 0.850, Rev. 4.092 (Celica)		
		1st 3.286, 2nd 1.894, 3rd 1.276, 4th 1.000, 5th 0.861, Rev. 3.769 (Supra)		
	4-speed automatic	1st 3.450, 2nd 1.450, 3rd 1.000, 4th 0.689, Rev. 2.222 (Celica)		
		1st 2.452, 2nd 1.412, 3rd 1.000, 4th 0.683, Rev. 2.212 (Supra)		
Final reduction gear ratio		3.581/3.727** (5-speed manual), 3.727/4.160** (4-speed automatic)		
Steering		Power assist Rack & Pinion	Rack & Pinion (Optional; Power assist type)	
Min. turning radius (tyres)		m	7.4	5.0
Tyres		225/60HR14		185/70HR14

^{**} 4-speed automatic models

^{**} Supra

- Toyota Motor Corporation reserves the right to alter any details of specifications and equipment without notice. Details of specifications and equipment are also subject to change to suit local conditions and requirements. Please enquire at your local dealer for details of any such changes that might be required for your area.
- Note: Vehicles pictured in this catalogue may vary from models available in your area. Vehicle body colour might differ slightly from the painted photos in this catalogue.





TOYOTA

Oh what a feeling!

TOYOTA MOTOR CORPORATION

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